



SEQUENCE LISTING

RECEIVED
JUL 22 2003
TECH CENTER 1600/2000

<110> SHAO, Wei et al.

<120> ISOLATED HUMAN RAS-LIKE PROTEINS,
NUCLEIC ACID MOLECULES ENCODING THESE HUMAN RAS-LIKE
PROTEINS, AND USES THEREOF

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<141> 2001-03-27

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<170> FastSEQ for Windows Version 4.0

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<212> DNA

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D4

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Ile Asp Phe Arg Asn Lys Val Val Thr Val Asp Gly Val Arg Val Lys
65          70          75          80
Leu Gln Ile Trp Asp Thr Ala Gly Gln Glu Arg Phe Arg Ser Val Thr
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His Ala Tyr Tyr Arg Asp Ala Gln Ala Leu Leu Leu Leu Tyr Asp Ile
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Thr Asn Lys Ser Ser Phe Asp Asn Ile Arg Ala Trp Leu Thr Glu Ile
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<211> 223
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<213> Mus musculus

<400> 4

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35 40 45
Phe Lys Asp Gly Ala Phe Leu Ser Gly Thr Phe Ile Ala Thr Val Gly
50 55 60
Ile Asp Phe Arg Asn Lys Val Val Thr Val Asp Gly Ala Arg Val Lys
65 70 75 80
Leu Gln Ile Trp Asp Thr Ala Gly Gln Glu Arg Phe Arg Ser Val Thr
85 90 95
His Ala Tyr Tyr Arg Asp Ala Gln Ala Leu Leu Leu Tyr Asp Ile
100 105 110
Thr Asn Gln Ser Ser Phe Asp Asn Ile Arg Ala Trp Leu Thr Glu Ile
115 120 125
His Glu Tyr Ala Gln Arg Asp Val Val Ile Met Leu Leu Gly Asn Lys
130 135 140
Ala Asp Val Ser Ser Glu Arg Val Ile Arg Ser Glu Asp Gly Glu Thr
145 150 155 160
Leu Ala Arg Glu Tyr Gly Val Pro Phe Met Glu Thr Ser Ala Lys Thr
165 170 175
Gly Met Asn Val Glu Leu Ala Phe Leu Ala Ile Ala Lys Glu Leu Lys
180 185 190
Tyr Arg Ala Gly Arg Gln Pro Asp Glu Pro Ser Phe Gln Ile Arg Asp
195 200 205
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<211> 4

<212> PRT

<213> Homo sapiens

<400> 5

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<210> 6

<211> 4

<212> PRT

<213> Homo sapiens

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<210> 7

<211> 4

<212> PRT

<213> Homo sapiens

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Lys Arg Ser Ser
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<210> 8
<211> 4
<212> PRT
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<400> 8
Ser Ser Phe Asp
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<210> 9
<211> 6
<212> PRT
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D4
<400> 9
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1 5

<210> 10
<211> 6
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<400> 10
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1 5

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Gly Val Gly Lys Thr Cys
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1 5

<210> 13
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Gly Thr Phe Ile Ala Thr
1 5

<210> 14
<211> 8
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<400> 14
Gly Asp Thr Gly Val Gly Lys Thr
1 5

<210> 15
<211> 14
<212> PRT
<213> Homo sapiens

D4
<400> 15
Val Met Leu Leu Gly Asp Thr Gly Val Gly Lys Thr Cys Phe
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<210> 16
<211> 601
<212> DNA
<213> Homo sapiens

<400> 16
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gggaagatga gcagagcaga gccagacagt aaaggagagg gccacgccc ctccacaggt 180
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a 601

<210> 17
<211> 539
<212> DNA
<213> Homo sapiens

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<210> 18
 <211> 516
 <212> DNA
 <213> Homo sapiens

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 ccacagcaac cccgggatgc cgatctgcag ccacatgtcc catgtgggag gtttctgctg 180
 aaagaacttc caactacaca tctcccact tcagtataaa tttcaacctt ccctaattca 240
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<210> 19
 <211> 504
 <212> DNA
 <213> Homo sapiens

<400> 19
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<210> 20
 <211> 563
 <212> DNA
 <213> Homo sapiens

<220>
 <221> variation
 <222> (263)...(263)
 <223> 'a' may be either present or absent

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 ctgggcaaca agagcaaaac tccgtctcaa aaaaaaaaaa aaagaaagaa agaaagaaac 240
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563

<210> 21

<211> 601

<212> DNA

<213> Homo sapiens

<400> 21

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g 601

<210> 22

<211> 601

<212> DNA

<213> Homo sapiens

<400> 22

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a 601

<210> 23

<211> 601

<212> DNA

<213> Homo sapiens

<400> 23

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a 601

<210> 24

<211> 601
<212> DNA
<213> Homo sapiens

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c 601

<210> 25
<211> 601
<212> DNA
<213> Homo sapiens

D4
<400> 25
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a 601

<210> 26
<211> 7
<212> PRT
<213> Homo sapiens

<220>
<221> VARIANT
<222> (1)...(7)
<223> Xaa = Any Amino Acid

<400> 26
Gly Xaa Xaa Xaa Xaa Gly Lys
1 5

<210> 27
<211> 5
<212> PRT
<213> Homo sapiens

<400> 27
Asp Thr Ala Gly Gln

1

5

<210> 28
<211> 4
<212> PRT
<213> Homo sapiens

<220>
<221> VARIANT
<222> (1)...(4)
<223> Xaa = Any Amino Acid

<400> 28
Asn Lys Xaa Asp
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D4
<210> 29
<211> 5
<212> PRT
<213> Homo sapiens

<220>
<221> VARIANT
<222> (1)...(5)
<223> Xaa = Any Amino Acid

<400> 29
Glu Xaa Ser Ala Xaa
1 5

<210> 30
<211> 4
<212> PRT
<213> Homo sapiens

<220>
<221> VARIANT
<222> (1)...(4)
<223> Xaa = Any Amino Acid

<400> 30
Cys Ala Ala Xaa
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